

Please amend the claims as follows:

1. (currently amended) A network subscriber station for a network of distributed stations, ~~particularly a network of IEEE 1394 network subscriber stations~~, which are connected by means of a data bus, comprising:

at least three reserved memory areas for operation-dependent interface configuration data;

~~having~~ pointer means, which comprise electronic pointers for pointing to the at least three reserved memory areas; ~~and~~

~~driver means for handling electronic data in the at least three memory areas and for electronic data transfer between the at least three memory areas~~

wherein a first of the at least three reserved memory areas is a current memory area for holding current interface configuration data, a second of the at least three reserved memory areas is a subsequent memory area for holding interface configuration data which are provided for retrieval after a subsequent reset operation on the data bus, and a third of the three memory areas is an editing memory area for holding editable interface configuration data,

wherein said pointer means further comprises a first electronic pointer, a second electronic pointer and a third electronic pointer pointing to the current interface configuration data, the configuration data to be used after a subsequent bus reset, and the editable configuration data respectively;

means for setting said second electronic pointer to configuration data to which said third electronic pointer points and means for setting the third pointer to configuration data to which neither the second electronic pointer points nor configuration data to which the third electronic pointer points;

means for copying said configuration data to which the second electronic pointer points to the memory area to which the third electronic pointer points for completing editing in said third memory area; and

means for setting said first electronic pointer to configuration data to which the second electronic pointer points immediately upon an occurrence of a bus reset event.

2. (canceled)

3. (canceled)

4. (canceled)

5. (new) The network subscriber station according to claim 1, wherein said network subscriber station further comprises an IEEE 1394 bus interface to communicate to an IEEE 1394 bus network.

6. (new) A method for operating a network subscriber station for a network of distributed stations, which are connected by means of a data bus, said method comprising:

electronically pointing to at least three memory areas containing therein operation-dependent configuration data;

handling electronic data in the at least three memory areas;

electronically transferring said operation-dependent configuration data between the at least three memory areas;

wherein a first of the at least three reserved memory areas is a current memory area for holding current interface configuration data, a second of the at least three reserved memory areas is a subsequent memory area for holding interface configuration data which are provided for retrieval after a subsequent reset operation on the data bus, and a third of the three memory areas is an editing memory area for holding editable interface configuration data,

wherein said electronically pointing step further comprises electronically pointing using a first electronic pointer, a second electronic pointer and a third electronic pointer pointing to the current interface configuration data, the configuration data to be used after a subsequent bus reset, and the editable configuration data respectively;

setting said second electronic pointer to configuration data to which said third electronic pointer points and setting the third pointer to configuration data to which neither the second electronic pointer points nor configuration data to which the third electronic pointer points;

copying said configuration data to which the second electronic pointer points to the memory area to which the third electronic pointer points for completing editing in said third memory area; and

setting said first electronic pointer to configuration data to which the second electronic pointer points immediately upon an occurrence of a bus reset event.